

Product overview

Giganet HD cassettes are pre-terminated modules MTP/MPO-LC/SC fanouts that are suitable for up to 100G applications to interconnect backbone with discrete connections. The HD cassettes are designed to easily plug into Giganet HD chassis and each chassis can populate up to 96F.

The cassettes eliminate the need for splicing reducing costs. The MTP/MPO and single ferrule connectors are available in Standard and Premium versions to cater customer's power budget requirements.



Figure 1.
Giganet HD-MTP/MPO Cassette Modules Base 12 (Type B/Universal)

Product Features and Applications

FEATURES
Conform to IEC, EIA-TIA, and Telcordia performance requirements
Standard & Shuttered dust proof LC adapters
Available in Single mode and Multimode fibre options
Available in 12, and 24 fiber count
Available in Polarity B as per TIA/EIA-568-C.3 with Alpha/Beta cassettes
RoHS, REACH & SvHC compliant, Materials Conflict compliant

APPLICATIONS
Telecommunication networks
Data centers, Co-location DC
LAN or Campus wide Network
Broadband network
Supports SFP, QSFP, CFP applications
100G to 10G/ 40G to 10G transition

Product Specification

GENERAL SPECIFICATION	
Footprint	HD MP4
Material	ABS + PC
Housing Color	Black
Application	HD Panels
Fibre Capacity	24FO in LC / 12FO in SC
Adapters Ports	Shuttered laser & Dust proof LC Adapters
Dimensions (WxDxH in mm)	106 x 110 x 33.60
Weight	0.25KG

PERFORMANCE					
Parameters	Units	SM MPO	SM LC/SC	MM MPO	MM LC/SC
Avg/Max IL – Standard	dB	≤ 0.25/0.75	≤ 0.20/0.30	≤ 0.60	≤ 0.18/0.30
Return loss (PC/APC)	dB	≥ 60	≥ 60/65	NA	NA
Avg/Max IL– Premium	dB	≤ 0.10/0.35	≤ 0.12/0.15	≤ 0.10/0.35	≤ 0.12/0.15
Return loss (PC/APC)	dB	≥ 60	≥ 60	NA	NA

Technical Drawing

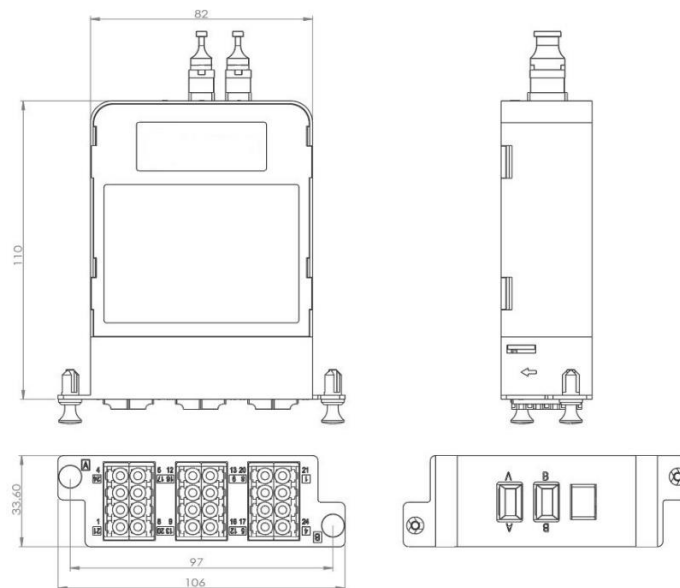


Figure 2.
Giganet HD-MTP/MPO Cassette Modules Base 12 (Type B/Universal) Technical Drawing



FIBRE PLUG N PLAY SYSTEM

Giganet HD-MTP/MPO Cassette Modules

Base 12 (Type B/Universal)

Ordering Information

HD-MTP/MPO Cassette Modules base 12 (Type B/Universal)												
GN-HDB-123456												
GN-HDB-	1	MPO/MTP SIDE	2	LC/SC SIDE	3	ADAPTER TYPE	4	MODE OF FIBRE	5	POLARITY	6	Performance
	2MP	2X MPO-MALE	24L	24- FIBRE LC/UPC	O	Standard	A1	657A1 SM	B1	B1-SIDE	S	Standard
	1MP	1X MPO MALE	12L	12- FIBRE LC/UPC	S	shuttered	M3	OM3 MM	B2	B2-SIDE	P	Premium
	2MT	2X MTP-MALE	24A	24- FIBRE LC/APC			M4	OM4 MM				
	1MT	1X MTP-MALE	12A	12- FIBRE LC/APC			M5	OM5 MM				
			12U	12- FIBRE SC/UPC								
	2MPF	2X MPO-FEMALE	12P	12- FIBRE SC/APC								
	1MPF	1X MPO FEMALE										
	2MTF	2X MTP-FEMALE										
	1MTF	1X MTP-FEMALE										
					*Default colors: SM; Blue / Green (APC is Green), OM3: Aqua, OM4: Erika violet; OM5: Lime Green.							
					*Recommended always cassettes male type and trunks female type.							
	Part Number			Product Description								
e.g.	GN-HDB-2MP24LSM4B1P			Giganet HD cassette Module 2 XMPO(M)- 24F LC/UPC, shuttered,MM-OM4, Pol B(B1) , Prem performance.								
e.g.	GN-HDB-2MP24LSM4B2P			Giganet HD cassette Module 2 XMPO(M)- 24F LC/UPC, shuttered,MM-OM4, Pol B(B2) , Prem performance.								